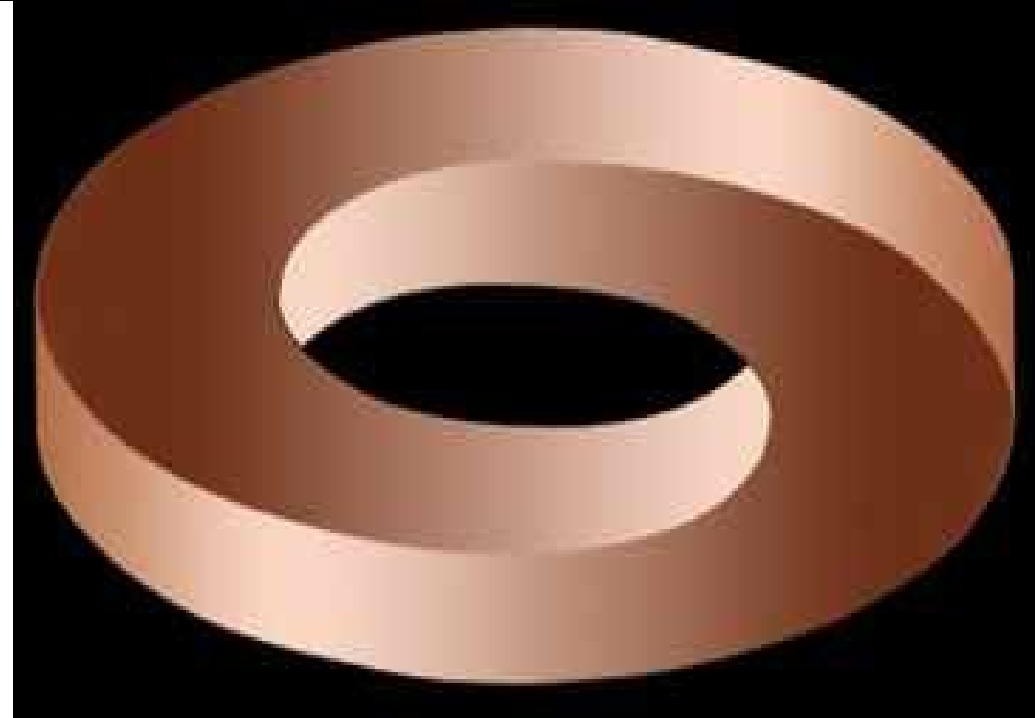


# Run-5 Update



Machine-Experiments  
March 9<sup>th</sup>, 2005





# Status: end of HE-Cu run

~8 weeks

Total Run-5

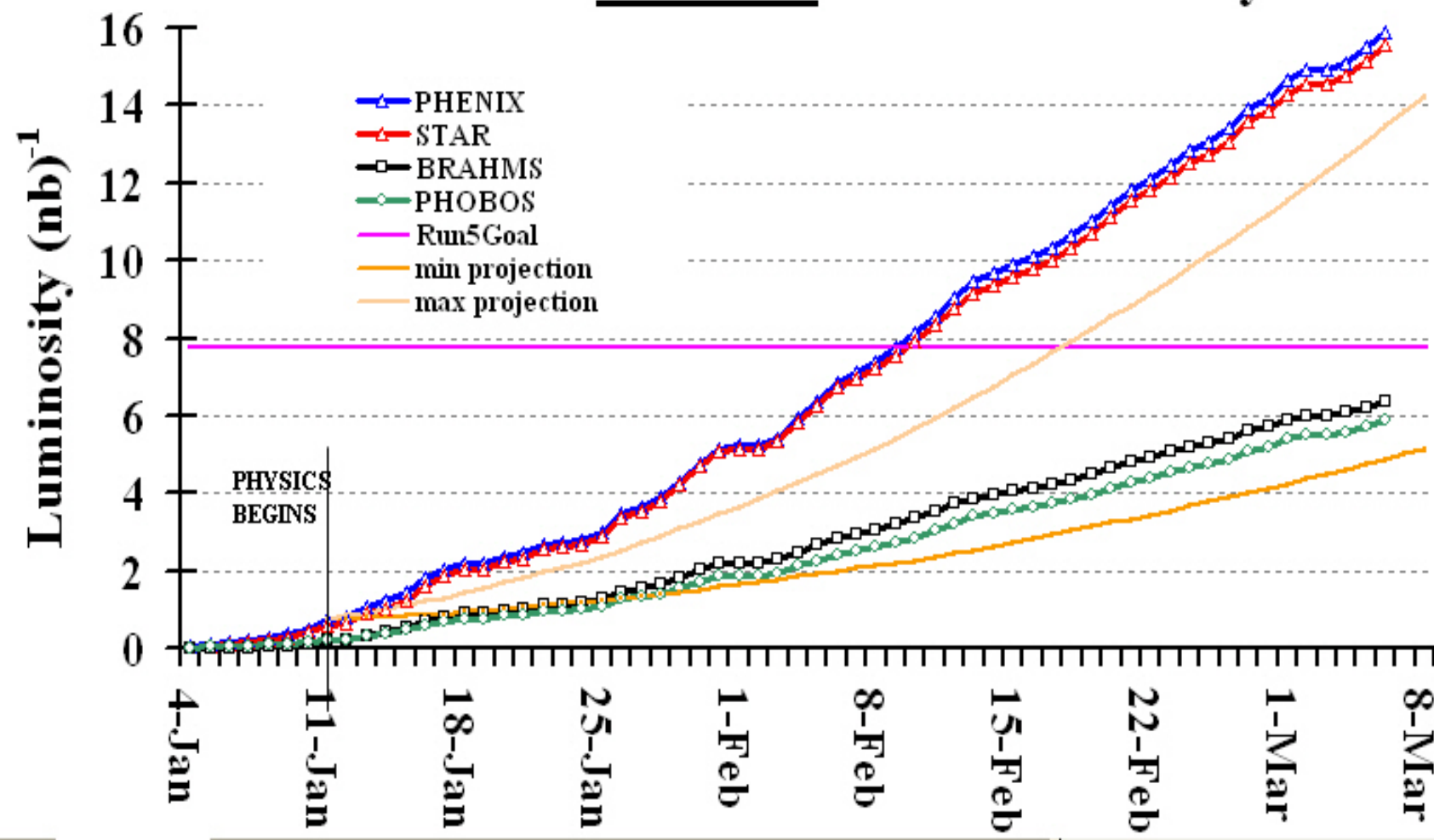
Phenix 15.16

Star 14.99

Brahms 6.15

Phobos 5.67

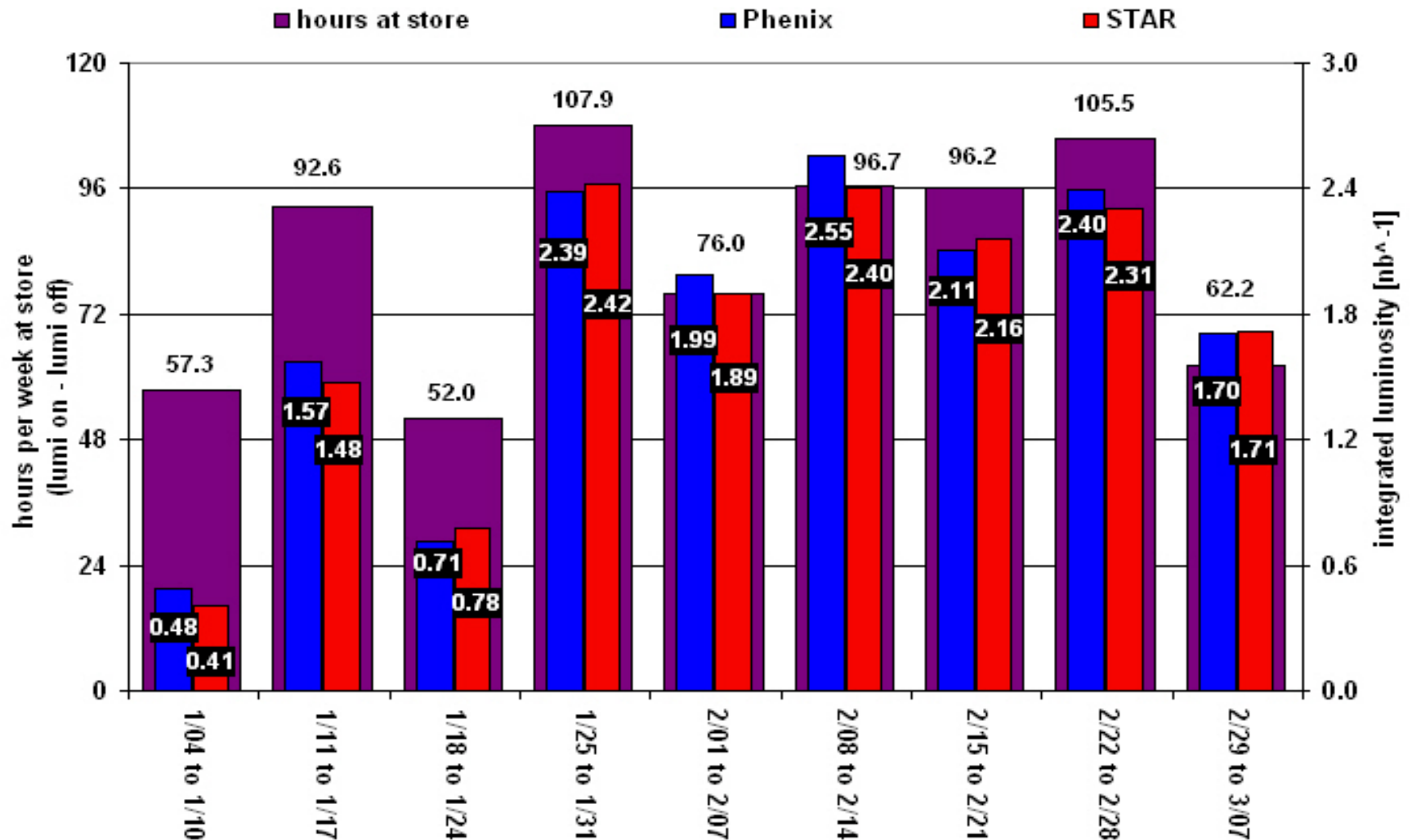
## RHIC Run 5 Delivered Cu-Cu Luminosity





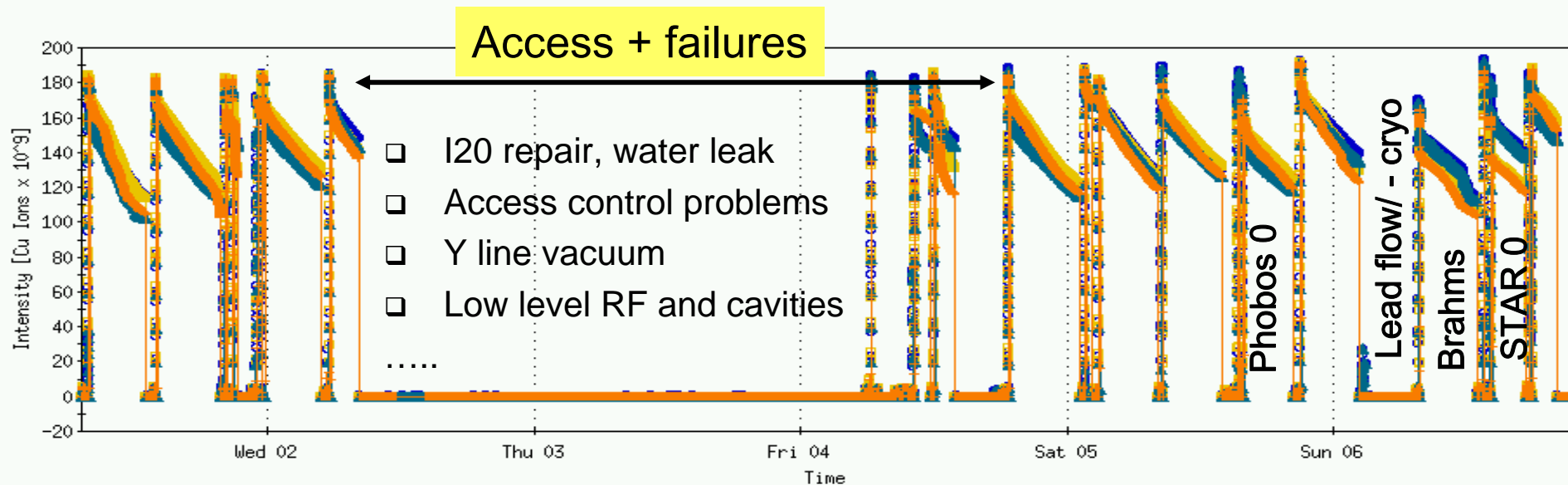
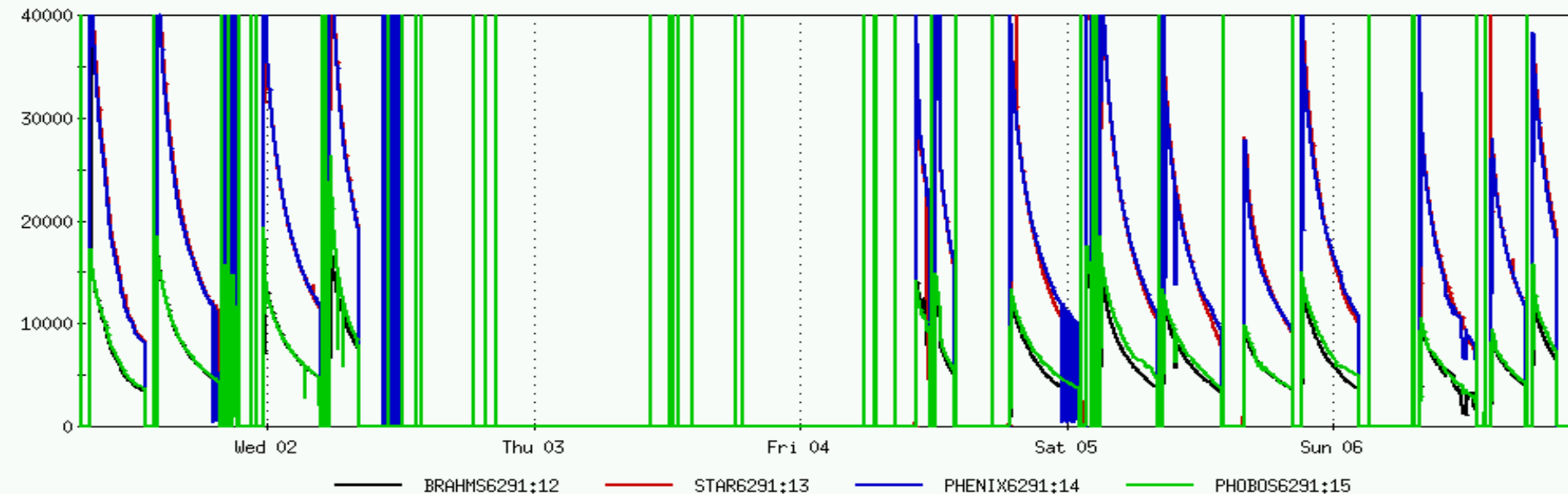
# Luminosity / week

Run5 -- DELIVERED Integrated Luminosity by week



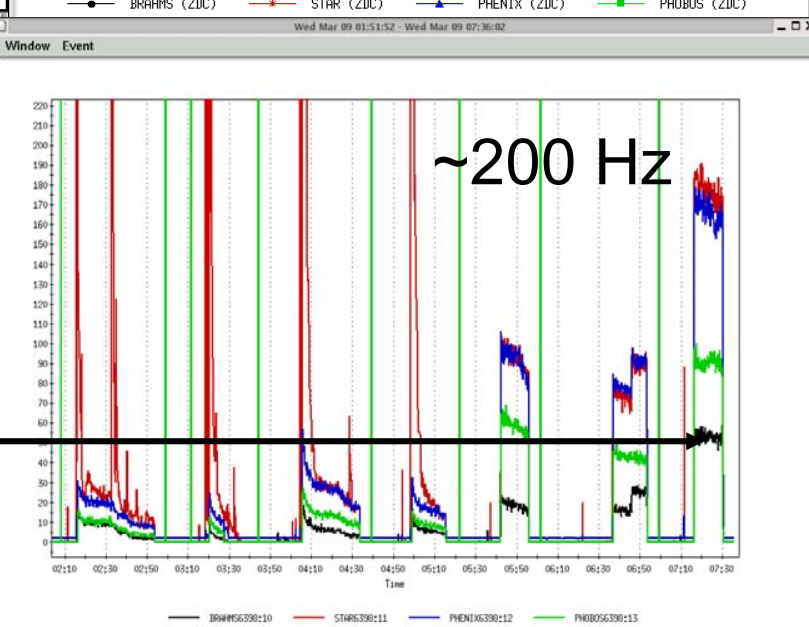
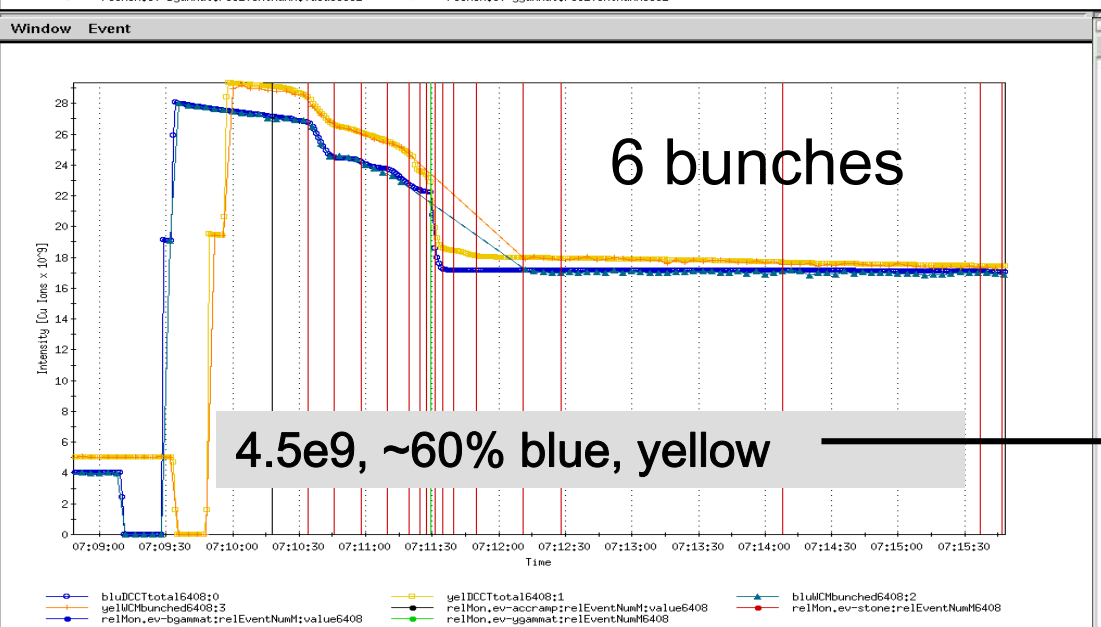
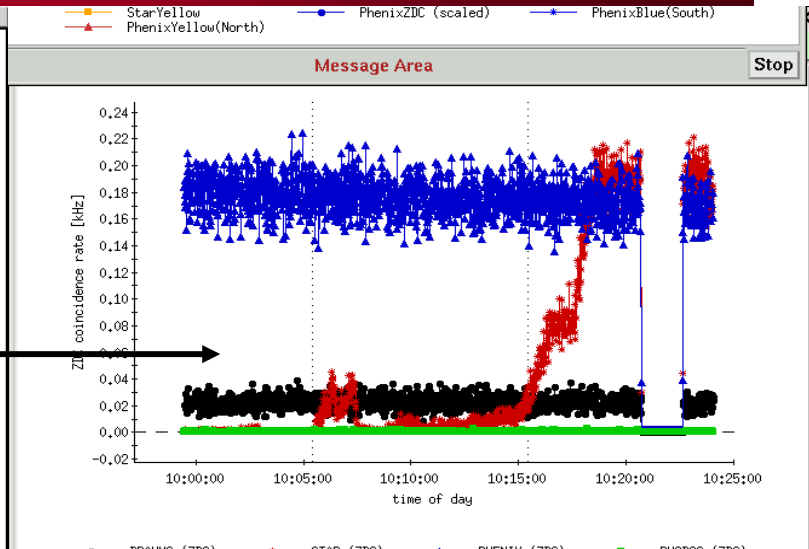
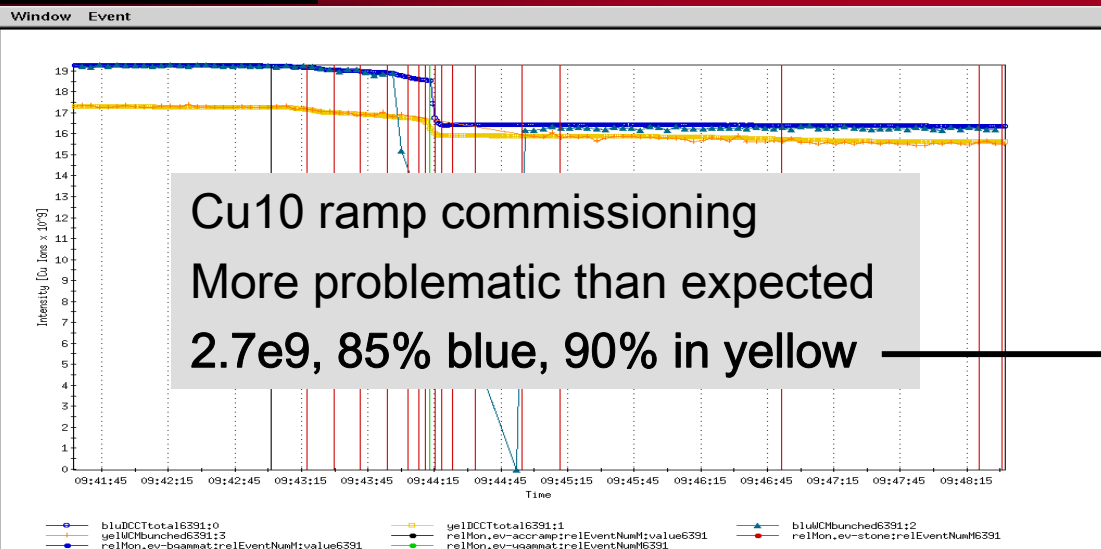


# Stores – Week 8





# Set-up for LE-Cu run - status



NO DATA available for re1Mon.ev-lumi:relEventNumM



## Set-up for LE-Cu run - plan

- Re-bucketing set-up (in progress)
- Transmission on ramp  $\rightarrow 85-90\%$
- Try physics ramp  $(37 \times 38) \times 3.0 \text{ e9} \rightarrow \sim 1 \text{ KHz}$   
 $\rightarrow$  Collisions overnight (decision  $\sim 9-10 \text{ pm}$ )
- $\rightarrow$  Improve bunch intensity  $3 \rightarrow 5 \text{ e9}$

“Plan B” - if we still have ramp problems with Cu10:

Develop a Cu11 (Cu10+same settings and injection as Cu8)  
(Being worked on in parallel with beam development today)

Decision of start of physics after beam development results today and discussion about experiments luminosity needs